**Activity 1.6.1 Tangrams**

1. Now that you have created your seven tangram pieces, let us examine the symmetry each possesses. Draw in all the lines of symmetry in each piece below. If a piece does not have any symmetry, write “no symmetry”.

Large Triangle Medium Triangle

Small Triangle Square

Parallelogram

1. Half the class will work in pairs to use your seven tangram pieces to make a square and the other half will work in pairs to make a rectangle that is not a square. Remember that you must use *all* seven pieces.

Sketch your solution:

What types of symmetry does your shape possess?